

Abstract

Title: Case report of therapeutic care of patient after total knee replacement.

Objectives: The aim of this work is to demonstrate both theoretical and practical information to the subject of total knee replacement. Showing on one side the therapeutic care of patient after total knee replacement and presenting on the other side the summary of theoretical knowledge about the topic of knee joint and total joint replacements.

Methods: This study is divided into two main parts. The first part is theoretical and deals with the subject of knee joint seen from the anatomical, kinesiological, biomechanical and orthopedical perspective. Furthermore it contains basic information to the issue of knee replacements, their most common indications, possible complications and subsequent therapeutic methods and techniques after total knee replacement.

The second part is a special section which shows in detail a case report of therapeutic care with patient after total knee replacement. It was established under the guidance of a private healthcare facility MediCentrum Praha during my university-internship . The case report includes patients anamnesis, an input kinesiology analysis, a short-term and long-term therapeutic plan, a detailed description of the course of therapy, a resulting kinesiology analysis and an evaluation of the effect of therapy.

Keywords: knee joint, gonartrosis, total joint replacement, physiotherapy